

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD02224AR\
 Data File : FD047275.D
 Signal(s) : FID2B.ch
 Acq On : 22 Feb 2024 17:09
 Operator : YP/AJ
 Sample : PB159207BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159207BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :Ankita Jodhani 02/23/2024

Integration File: autoint1.e
 Quant Time: Feb 23 03:43:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.469	13351423	87.699 ug/ml
Spiked Amount 50.000		Recovery =	175.40%
6) S 2-Fluorobiphenyl (SURR)	8.323	8642032	85.498 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	171.00%#
11) S ortho-Terphenyl (SURR)	11.361	12057386	68.364 ug/ml
Spiked Amount 50.000		Recovery =	136.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	8255991	52.370 ug/ml
2) T Naphthalene (C11.7)	5.806	10049782	60.469 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	10555847	62.593 ug/ml
5) T Acenaphthylene (C15.06)	8.125	11181342	72.646 ug/ml
7) T Acenaphthene (C15.5)	8.422	11102591	67.358 ug/ml
8) T Flouorene (C16.55)	9.201	11680785	73.674 ug/ml
9) T Phenanthrene (C19.36)	10.591	12088771	77.813 ug/ml
10) T Anthracene (C19.43)	10.666	11458477	77.702 ug/ml
12) T Fluoranthene (C21.85)	12.397	12639787	81.636 ug/ml
13) T Pyrene (C20.8)	12.691	12613973	83.854 ug/ml
14) T Benzo[a]anthracene (C...	14.557	11922938	88.696 ug/ml
15) T Chrysene (C27.41)	14.603	12001490	81.959 ug/ml
16) T benzo[b]fluoranthene ...	16.101	11433577	83.042 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	11303018	81.459 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.478	10918441	80.652 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	11557077	91.544 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	10453143	78.453 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.096	10383512	78.310 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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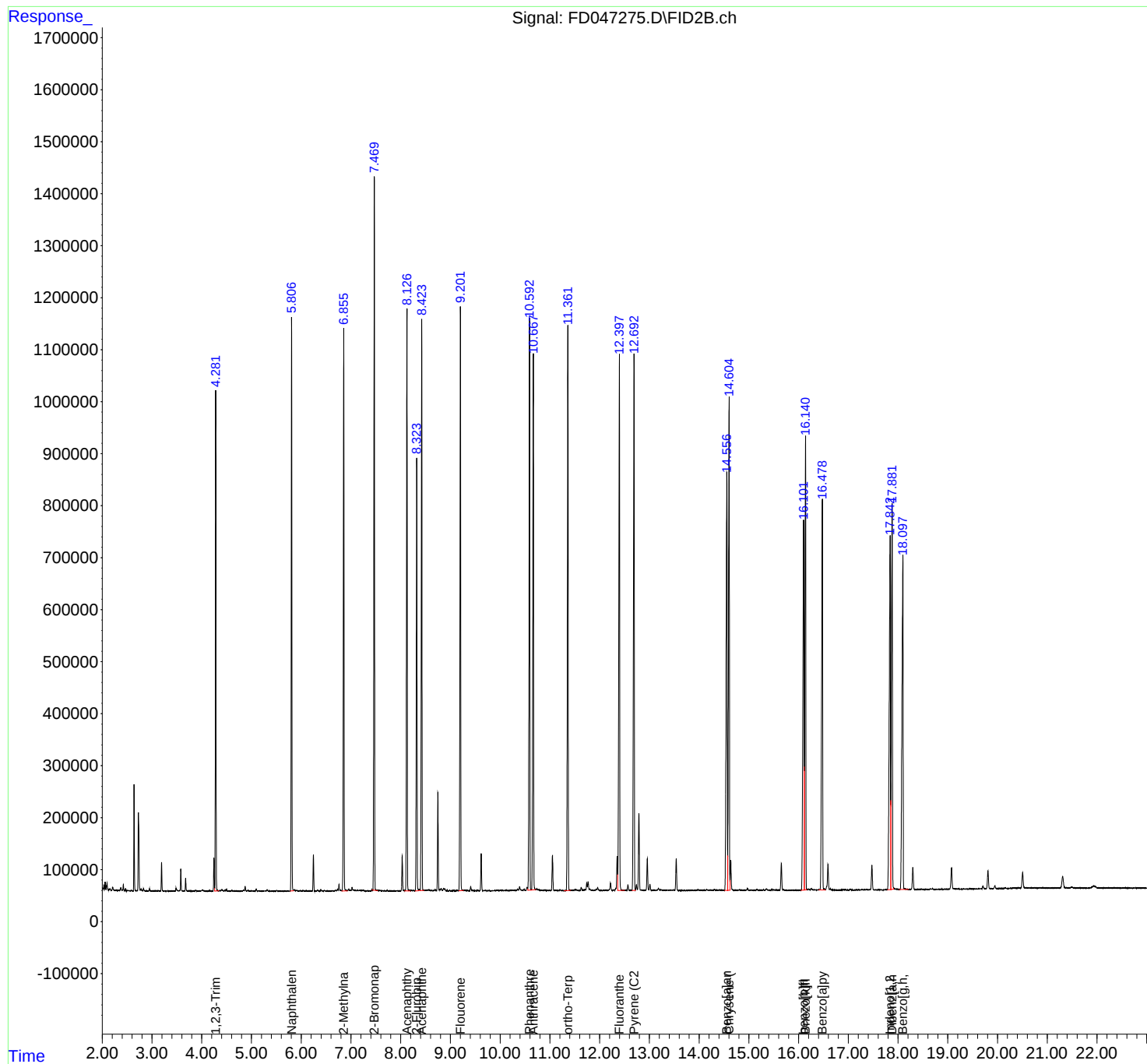
Instrument :
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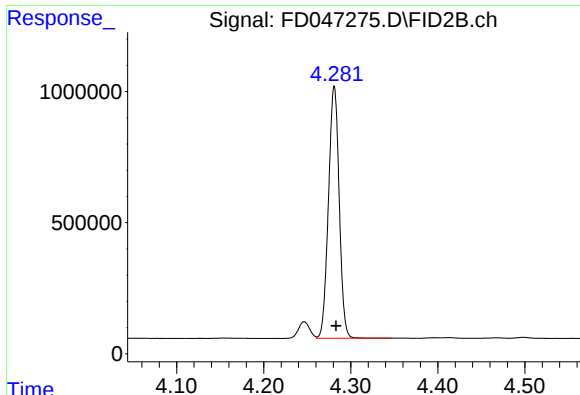
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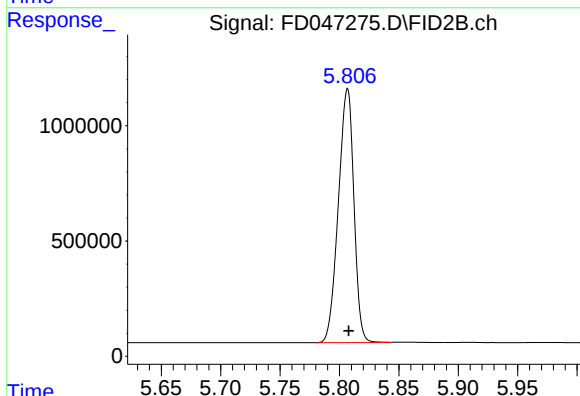
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 8255991
Conc: 52.37 ug/ml

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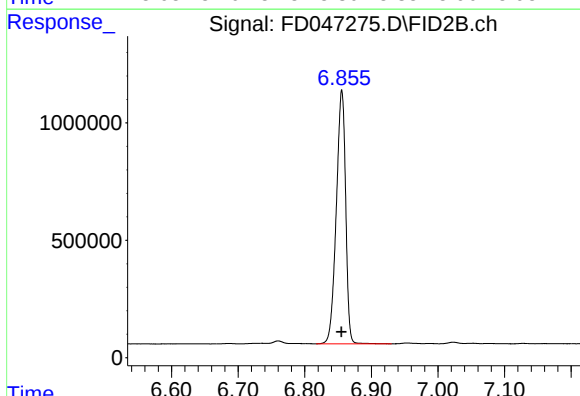
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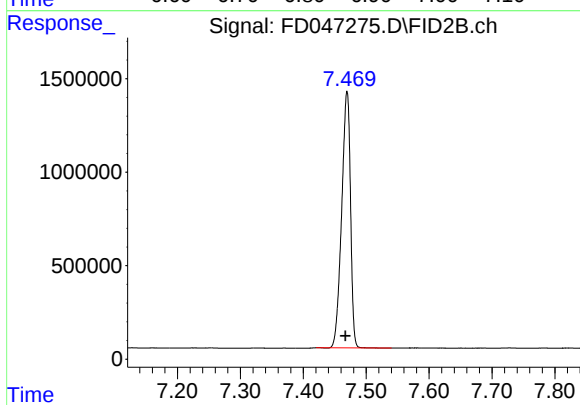
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.001 min
Response: 10049782
Conc: 60.47 ug/ml



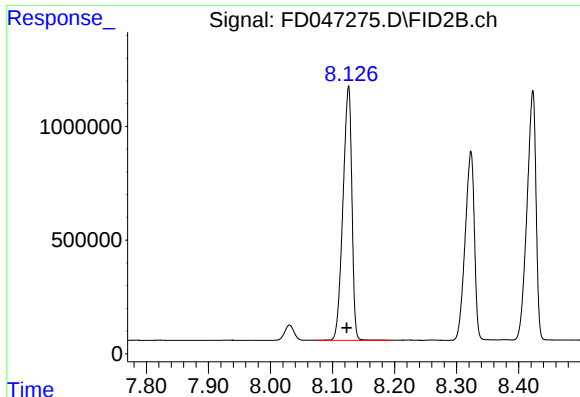
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 10555847
Conc: 62.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.469 min
Delta R.T.: 0.002 min
Response: 13351423
Conc: 87.70 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 11181342
Conc: 72.65 ug/ml

Instrument :

FID_D

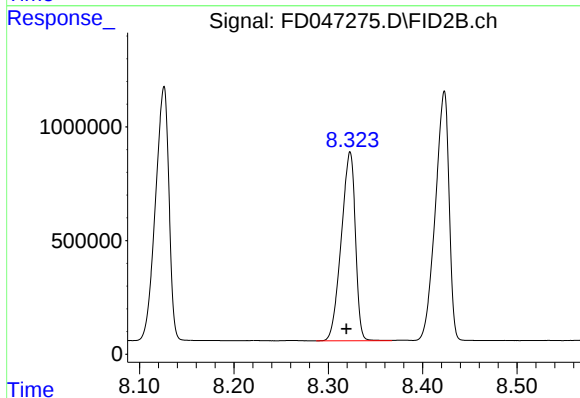
ClientSampleId :

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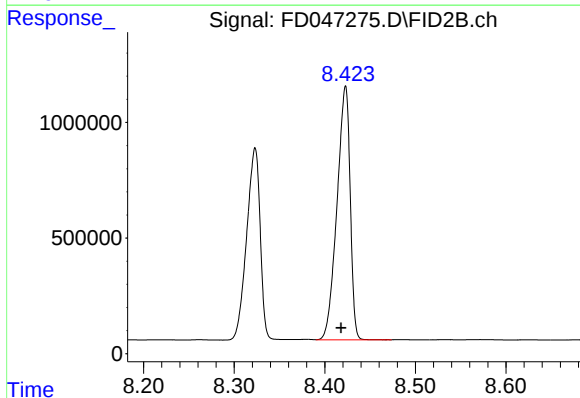
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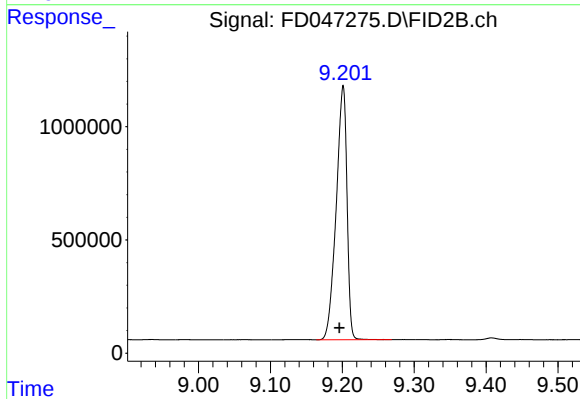
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.323 min
Delta R.T.: 0.003 min
Response: 8642032
Conc: 85.50 ug/ml



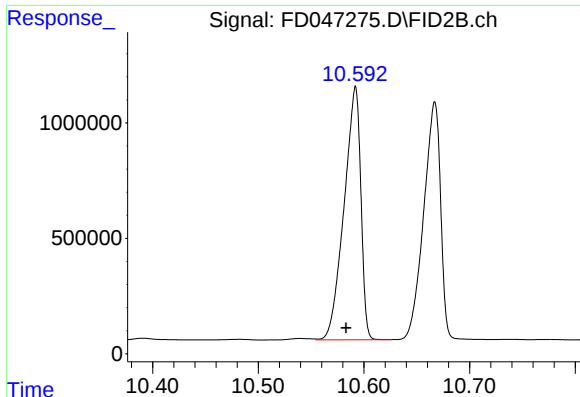
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: 0.004 min
Response: 11102591
Conc: 67.36 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.201 min
Delta R.T.: 0.005 min
Response: 11680785
Conc: 73.67 ug/ml



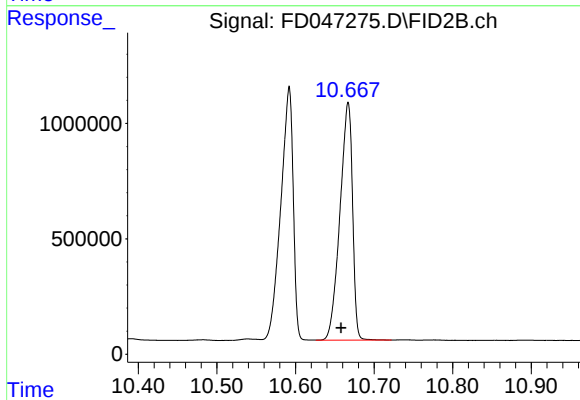
#9 Phenanthrene (C19.36)

R.T.: 10.591 min
Delta R.T.: 0.008 min
Response: 12088771
Conc: 77.81 ug/ml

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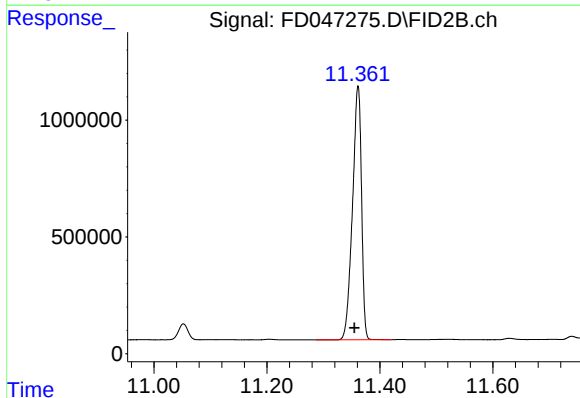
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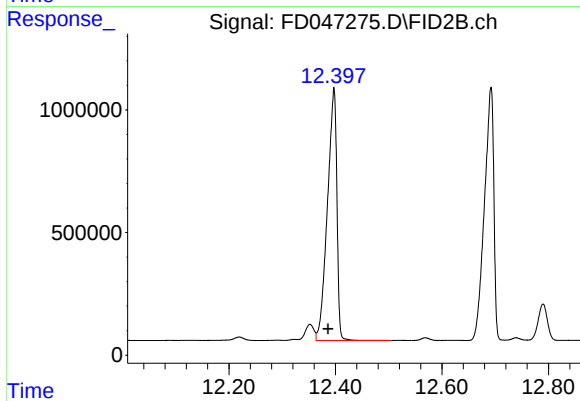
#10 Anthracene (C19.43)

R.T.: 10.666 min
Delta R.T.: 0.009 min
Response: 11458477
Conc: 77.70 ug/ml



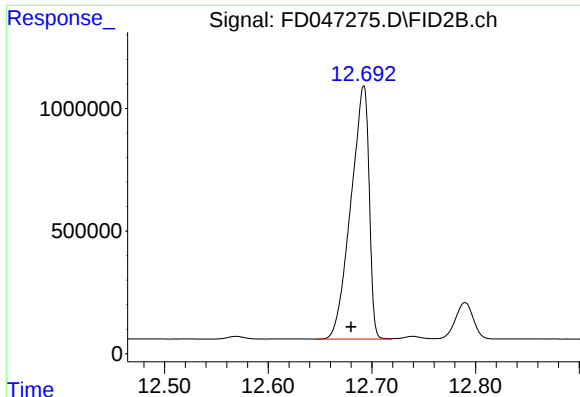
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: 0.006 min
Response: 12057386
Conc: 68.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: 0.010 min
Response: 12639787
Conc: 81.64 ug/ml



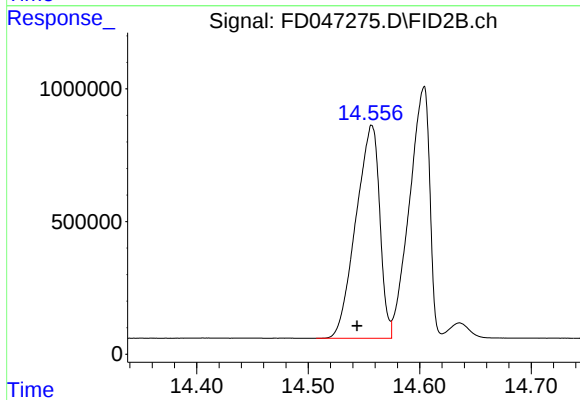
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.011 min
Response: 12613973
Conc: 83.85 ug/ml

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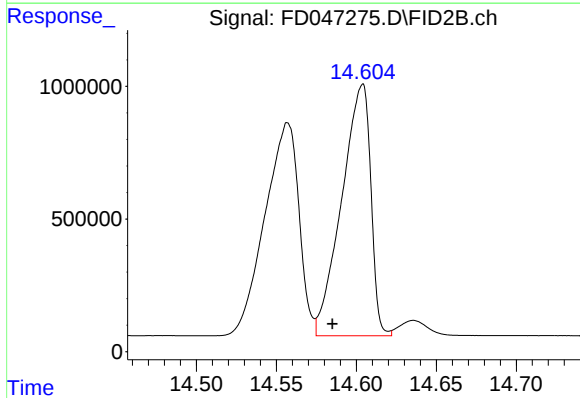
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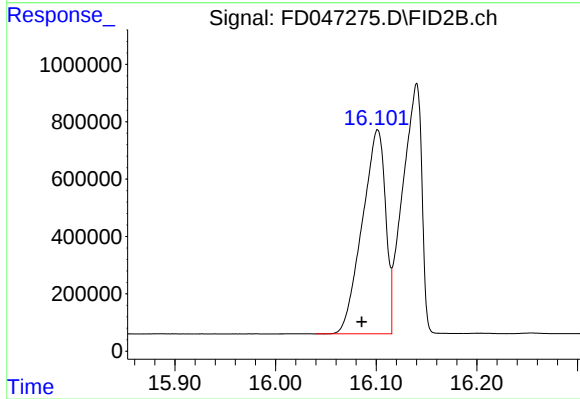
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.557 min
Delta R.T.: 0.013 min
Response: 11922938
Conc: 88.70 ug/ml



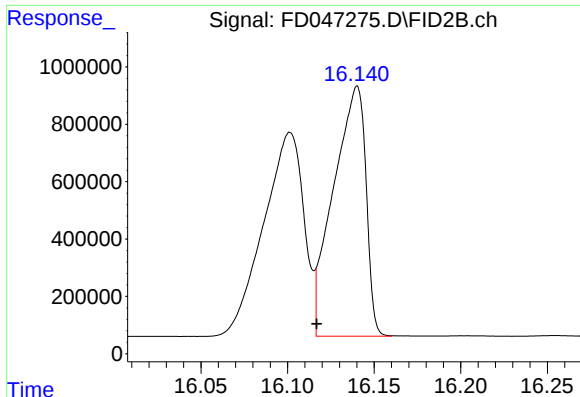
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: 0.018 min
Response: 12001490
Conc: 81.96 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.101 min
Delta R.T.: 0.016 min
Response: 11433577
Conc: 83.04 ug/ml



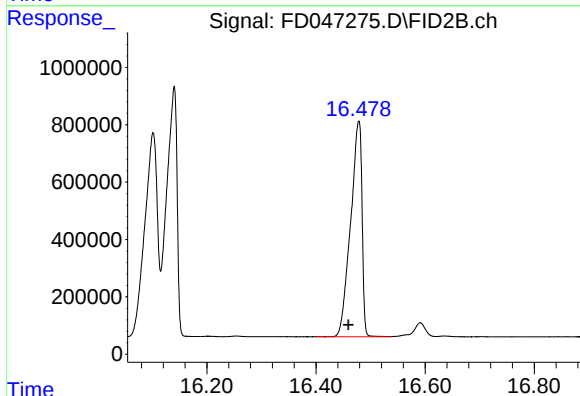
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.140 min
Delta R.T.: 0.023 min
Response: 11303018
Conc: 81.46 ug/ml

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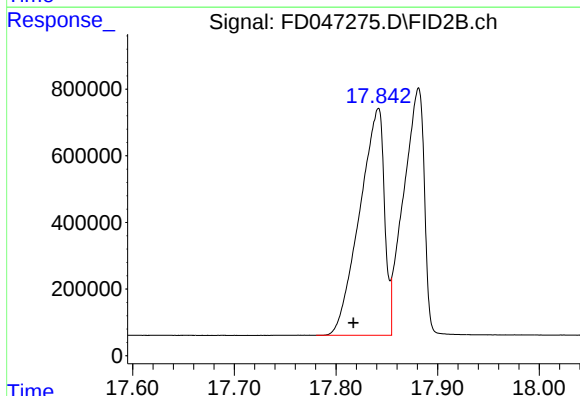
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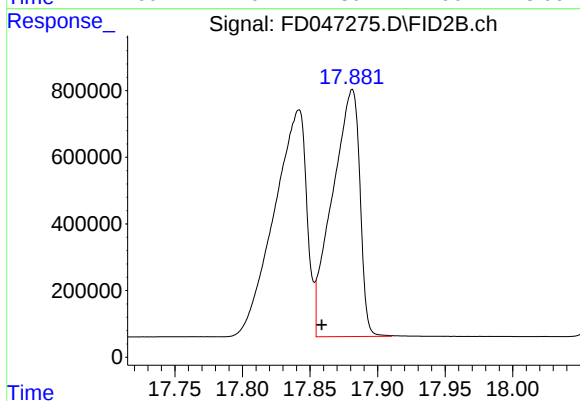
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.018 min
Response: 10918441
Conc: 80.65 ug/ml



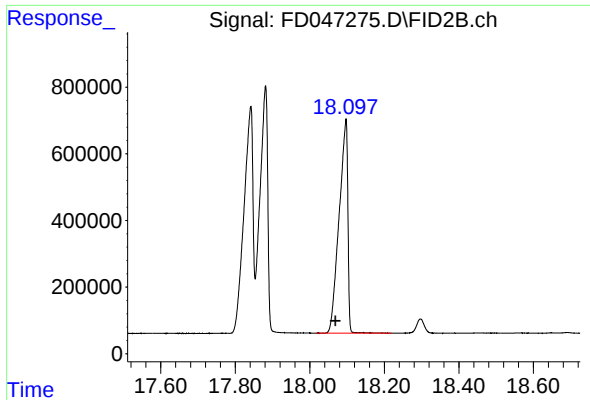
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: 0.023 min
Response: 11557077
Conc: 91.54 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.881 min
Delta R.T.: 0.022 min
Response: 10453143
Conc: 78.45 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.096 min
Delta R.T.: 0.027 min
Response: 10383512
Conc: 78.31 ug/ml

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